

Work Order ID 87093

87093

Page 1

July-10-12 3:08:14 PM

Item ID: D412-742-013 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Float Skidtube Installation
 Start Date: 8/06/12 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 8/06/12 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: Date: 120711 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D412-742	E								
100	DOCUMENT CONTROL	0.00							
100									
DC	Memo	0.00							
Document Control	Photocopy bluefile and create labels per PPP D412-742-013	CHG007							
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

388163

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 87093


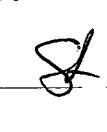
87093

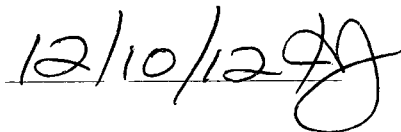
Page 2

July-10-12 3:08:14 PM

Item ID: D412-742-013 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Float Skidtube Installation
Start Date: 8/06/12 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 8/06/12 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00						12/10/11	
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-742-013 Location: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

12/10/12 

12.10.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:13 PM

Page 1

Work Order ID: 87093

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM 1072 DD verified by:JLM
 IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC
 IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC IPP RevF: add AN4C7A DD
 10.01.13 verified by:EC IPP Rev:G 11.11.01 as per DSI9517 REV.B DD verified
 by:EC IPP rev:H 12.01.12 PER IIN REV.E DD VERF: IPP Rev:I add AN4C47A
 DD 12.03.14 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C47A Bolt		Purchased	No			110	Each	128.0000	4	122496	✓	JB	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST361		128							
				118451		6							
				119798		2							
				121009		22							
				121585		2							
				122012		46							
				122204		50							
D412-742-043 Replacement Float Skidtube		Manufactured	No			110	Each	0.0000	1	50	1	88163	8
D2571 Saddle, Fwd Out 205		Manufactured	No			110	Each	15.0000	1	89951	1	JB	12/10/09
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST		1							
				11644		1							
				ST425		-13							
				ST432		14							
				85607		8							
				85883		6							
				ST433		13							

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:13 PM

Page 2

Work Order ID: 87093

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

8 D2572 Manufactured No 110 Each 7.0000 1 89322 1 ✓ JB [Signature]

Location	Loc Qty	Loc Code
ST432	7	
71107	2	
85882	5	

8 D2573 Manufactured No 110 Each 3.0000 1 88963 1 ✓ JB [Signature]

Location	Loc Qty	Loc Code
ST423	-12	
79424	0	
ST433	3	
83669	3	
ST434	12	

8 D2574 Manufactured No 110 Each 3.0000 1 88740 1 ✓ JB [Signature]

Location	Loc Qty	Loc Code
ST433	3	
83671	3	

8 D2876 Manufactured No 110 Each 94.0000 2 86734 2 ✓ JB [Signature]

Location	Loc Qty	Loc Code
ST020	94	
83323	40	
83890	54	

8 D2877 Manufactured No 110 Each 104.0000 2 86890 2 ✓ JB 12/10/09 [Signature]

Location	Loc Qty	Loc Code
ST020	104	
83324	3	
83891	61	
86442	40	

July-10-12 3:08:13 PM

Shop Packet Print

Page 2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:13 PM

Page 3

Work Order ID: 87093
Parent Item: D412-742-013
Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

D3403-1
Bushing

Manufactured No

110 Each 65.0000

8

88782⁸

JB



Location

Loc Qty

Loc Code

ST041

15

70696

15

ST042

50

80208

7

80219

4

85661

39

D3403-5
Bushing

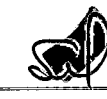
Manufactured No

110 Each 45.0000

8

86832⁸

JB



Location

Loc Qty

Loc Code

ST042

45

85664

45

D2747
Set Screw

Manufactured No

110 Each 296.0000

4

4

JB



Location

Loc Qty

Loc Code

ST017

296

79520

5

81877

91

86439

200

D3533-1
Set Screw

Manufactured No

110 Each 68.0000

2

86439

JB

12/10/09



Location

Loc Qty

Loc Code

ST053

68

80326

2

83892

66

July-10-12 3:08:13 PM

Shop Packet Print

Page 3

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:13 PM

Page 4

Work Order ID: 87093

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

AN4C6A
Bolt Purchased No

110 Each 399.0000

16 16

122800 JB



Location	Loc Qty	Loc Code
FG	4	
103344	4	
ST356	395	
116704	2	
120423	1	
121657	392	

AN4C53A
Bolt Purchased No

110 Each 105.0000

4 4

122193 JB



Location	Loc Qty	Loc Code
ST361	105	
122193	99	
122194	6	

AN4C52A
BOLT Purchased No

110 Each 8.0000

4 4

122518 JB



Location	Loc Qty	Loc Code
ST361	8	
117688	6	
120364	2	

AN6C12A
BOLT Purchased No

110 Each 48.0000

8 8

122808 JB

12/10/09



Location	Loc Qty	Loc Code
ST341	48	
121541	7	
122204	41	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:13 PM

Page 5

Work Order ID: 87093

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

D3672-3 Manufactured No
Phenolic Washer

110 Each 1,275.0000 32 32 ✓ JB

Location Loc Qty Loc Code

ST060 1275
84361 275
84432 500
86517 500

AN960C416L WAS 1149 C0432R Purchased No
WASHER

110 Each 0.0000 32 32 ✓ JB

Location Loc Qty Loc Code

ST060 308
81763 308

NAS1149C0632R Purchased No
WASHER

110 Each 183.0000 8 8 ✓ JB

Location Loc Qty Loc Code

ST297 183
119736 2
120308 1
121825 180

D3672-11 Manufactured No
Phenolic Washer

110 Each 203.0000 8 8 ✓ JB

Location Loc Qty Loc Code

ST060 203
77483 203

July-10-12 3:08:14 PM

Shop Packet Print

Page 5

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:14 PM

Page 6

Work Order ID: 87093

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

MS21043-4 Purchased No 110 Each 1,766.0000 29 29 ✓ JB

Nut

Location	Loc Qty	Loc Code
FG	40	
104603	40	
ST301	726	
119546	4	
121162	282	
121652	440	
ST318	1000	
122141	1000	

D3403-3

Bushing

Manufactured No

110 Each 52.0000

8 88783 8

Location	Loc Qty	Loc Code
ST042	52	
85662	52	

D3405-041

Lug Assembly

Manufactured No

110 Each 13.0000

1 87370 1

Location	Loc Qty	Loc Code
ST478	13	
62227	2	
77000	2	
83370	3	
83896	6	

D3405-043

Lug Assembly

Manufactured No

110 Each 8.0000

1 89214 1

Location	Loc Qty	Loc Code
ST478	8	
82038	1	
83897	7	

July-10-12 3:08:14 PM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

July-10-12 3:08:14 PM

Required Qty: 1.00

4

1

110	Each	1.0000	1
-----	------	--------	----------

Each	21.0000
------	---------

110	Each	21.0000	2
-----	------	---------	---

110	Each	214.0000	1
-----	------	----------	---

100

July-10-12 3:08:14 PM

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:14 PM

Page 8

Work Order ID: 87093

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

AN3C37A Purchased No

110 Each 154.0000

1 122843 1 20 20

BOLT

Location	Loc Qty	Loc Code
ST324	50	
122204	50	
ST354	104	
116874	11	
117010	2	
120422	3	
121068	36	
121584	2	
121585	50	

AN3C40A Purchased No

110 Each 20.0000

1 114442 1 20 20

BOLT

Location	Loc Qty	Loc Code
ST354	20	
114442	20	

AN3C41A Purchased No

110 Each 211.0000

1 122843 1 20 12/10/09

BOLT

Location	Loc Qty	Loc Code
FG	4	
103324	4	
ST354	207	
121013	26	
121313	80	
121689	1	
122241	100	

July-10-12 3:08:14 PM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:14 PM

Page 9

Work Order ID: 87093

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/06/12

Start Qty: 1.00

Required Qty: 1.00

AN3C42A Purchased No 110 Each 69.0000 1 1 ✓ JB 

BOLT

Location	Loc Qty	Loc Code
ST354	69	
106176	1	
120464	1	
121103	17	
122241	50	

122241

AN3C43A Purchased No 110 Each 61.0000 4 4 ✓ JB 

BOLT

Location	Loc Qty	Loc Code
ST354	61	
114455	2	
119673	1	
120465	58	

120465

AN3C46A Purchased No 110 Each 51.0000 5 5 ✓ JB 

BOLT

Location	Loc Qty	Loc Code
ST355	51	
120447	3	
122204	48	

123116

AN960C10L washer NAS1149C0332R Purchased No 110 Each 21.0000 26 26 ✓ JB  12/10/09

Location	Loc Qty	Loc Code
ST	21	
107534	21	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-10-12 3:08:14 PM

Work Order ID: 87093
 Parent Item: D412-742-013
 Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12 Required Date: 8/06/12
 Start Qty: 1.00 Required Qty: 1.00

MS21043-3 Purchased No

110 Each 1,086.0000 13

122993¹³ ✓ 20 12/10/09

Nut		<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
		FG	72	
		103691	72	
		ST301	1014	
		118077	2	
		118614	12	
		118686	30	
		119758	20	
		121255	93	
		121708	857	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries